

WHAT IS CLAIMED IS:

1. An organic electroluminescent (EL) display, comprising:

a plurality of ITO films which are disposed on a transparent substrate via an inter-layer insulating film;

an insulating film which is disposed between adjacent ones of said ITO films;

an organic EL thin film deposited on said ITO films;

a cathode thin film deposited on said ITO films; and

a plurality of insulative mask supporting layers constituting a part of or a whole of said insulating film, said mask supporting layers preventing a metal mask which is used in formation of said organic EL thin film and said cathode thin film, from being in contact with a pixel portion of said transparent substrate.

2. The organic EL display according to claim 1, wherein said display uses a TFT substrate in which said ITO films and TFT layers that are disposed via said inter-layer insulating film are connected to one another in an active matrix system.

3. The organic EL display according to claim 1,

wherein said mask supporting layers are formed by one of a resist, ceramics and an organic resin.

4. The organic EL display according to claim 1, wherein said insulative mask supporting layers having a reverse tapered shape are disposed on said insulating film.

5. A method of producing an organic EL display, said method comprising the steps of:

disposing a plurality of ITO films on a transparent substrate via an inter-layer insulating film;

disposing a plurality of mask supporting layers on said inter-layer insulating film;

overlaying a metal mask of a predetermined pattern having openings therein on said transparent substrate so as to support said metal mask by said mask supporting layers; and

depositing an organic EL thin film and a cathode thin film on said ITO films through the openings of said metal mask.

6. The method of producing an organic EL display according to claim 5, further comprising the steps of:

disposing said ITO films and TFT layers on said

transparent substrate via said inter-layer insulating film;

connecting said ITO films and said TFT layers to one another in an active matrix system; and then forming said mask supporting layer.

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